

## Safety Data Sheet

### Section 1. Product & Company Identification

Product Name: **LustraShield® Clear**Product Number: **2461**

Product Description &amp; Use: Cationic surfactant / polymer microemulsion in water. For use as a sealant in commercial car washes.

Manufacturer: Cleaning Systems, Inc., 1997 American Blvd., P.O. Box 5606, De Pere, WI 54115-5606  
 Phone: 1-920-337-2175, Fax: 1-920-337-9410, [www.cleaningsystemsinc.com](http://www.cleaningsystemsinc.com),  
 Email: chemcompliance@cleaningsystemsinc.com  
 Emergency Telephone Number: CHEMTREC 1-800-424-9300 or 703-527-3887

### Section 2: Hazards Identification

Hazard Class: **Eye / Skin Irritant 2, Aquatic Chronic 4**Signal Word: **Warning**Hazard Statement(s): **H332: Harmful if inhaled. H312: Harmful in contact with skin. H302:****Harmful if swallowed. H319: Causes serious eye irritation. H315: Causes skin irritation. H413:****May cause long lasting harmful effects to aquatic life.**Precautionary Statement(s): **P264: Wash thoroughly after handling. P280: Wear protective gloves / eye protection. P273: Avoid release to the environment.**Precautionary Statement Response: **P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**Precautionary Statement Disposal: **P501: Dispose of container to landfill or clean and recycle.**

### Section 3: Composition / Information on Ingredients

Ingredient(s)	CAS #	EC #	Wt. %	Classification
Quaternary Ammonium compounds	Mixture		10-20	Acute Tox. 4, Eye/Skin Irritant 2, Aquatic Acu/Chron 4
2-Butoxyethanol	111-76-2	203-905-0	5-10	Acute Tox. 4, Eye/Skin Irritant 2

### Section 4: First Aid Measures

Eyes: Flush with clear water for at least 15 minutes. Get immediate medical attention.

Skin: Rinse well with water. Remove contaminated clothing.

Ingestion: Give water if conscious. Do not induce vomiting, although vomiting may occur naturally. Get immediate medical attention.

Inhalation: (Harmful exposure is unlikely) Move to fresh air. If irritation persists, get medical attention.

### Section 5: Fire Fighting Measures

Product will not burn. No known hazardous decomposition products.

Unusual Fire &amp; Explosion Hazards: None known.

Fire Fighting Procedures: Appropriate for surrounding materials.

### Section 6: Accidental Release Measures

Personal Precautions: Use personal protective equipment recommended in Section 8.Environmental Precautions: Keep spills away from storm drains, surface water and soil.Spills and Leaks: Small spills - Rinse to drain. Large spills - Contain for reclamation or disposal.Caution: Spills of this material may cause floor to become slippery

### Section 7: Handling and Storage

Store in original container at temperatures below 120°F.

Product is for use as a protection product in commercial, automatic car wash applications.

### Section 8: Exposure Controls / Personal Protection

Ingredient Exposure LimitsOSHA PELACGIH TLV

2-Butoxyethanol

25 ppm skin

25 ppm skin

Personal Protection

Eyes: Wear Chemical Goggles

Respiratory: Good General Ventilation. Respirator not normally required

Skin: Neoprene Gloves. Rubber Apron if greater exposure is likely.

Avoid being sprayed by diluted product in the car wash.

### Section 9: Physical and Chemical Properties

Appearance: Clear yellowish liquid	Evaporation Rate: Not determined.	Auto-Ignition Temperature: Not Applicable.
Odor: Grape	Vapor Pressure: Not Determined.	Decomposition Temperature: Not Applicable.
Odor Threshold: Not Determined.	Vapor Density: Not Determined.	% Volatile (w/w): >40, mostly water
pH full strength: 5 - 8	Specific Gravity: 0.94	
Freezing Point: Near Water.	Solubility in Water: Miscible.	
Initial Boiling Point: Near Water.	Partition coefficient: Not Determined.	
Flash Point: > 140°F or 60°C		
Flammability: Will Not Burn.		

### Section 10: Stability and Reactivity

Stability: This is a stable material.	Conditions to Avoid: None Known.
Materials to Avoid: None known.	Hazardous Polymerization will NOT occur.

### Section 11: Toxicological Information

Acute toxicity: No data is available on this mixture. The results based on calculation as per GHS bridging calculations chapter 3.1.3.6 Rev are above the classification limits.

Skin Corrosion / Irritation: This product is Irritating to skin with exposures of 1 hour.

Serious Eye damage / Irritation: This product is Irritating to eyes with any exposure.

Respiratory of Skin Sensitization: No data available.

Germ Cell Mutagenicity: No data available on this mixture. No indication from ingredients.

Carcinogenicity: No data available on this mixture.

Reproductive Toxicity: No data available on this mixture. No indication from ingredients.

STOST-Single Exposure: No data available on this mixture. No indication from ingredients.

STOST-Repeated Exposure: No data available on this mixture. No indication from ingredients.

Aspiration Hazard: No data available.

No toxicological data is available on this mixture. For information on ingredients, write to the email address listed in Section 1 of this SDS.

### Section 12: Ecological Information

Ecological Toxicity: No data is available on this mixture.

Biodegradability: The surfactant(s) contained in this preparation do not comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

This product does NOT contain Phosphates.

### Section 13: Disposal Considerations

Follow all Federal, State, and Local Regulations appropriate for this material.

Wastewater resulting from use of this product should be directed to a properly operating wastewater treatment facility.

### Section 14: Transportation Information

ADR/RID/IMO/ICAO/US DOT Hazardous Material Class: Not Regulated UN Number: Not applicable

### Section 15: Regulatory Information

EPA SARA Title III Section 312 (40CFR 370) Hazard Classification of ingredients: Acute Health Hazard.

This product contains chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm. Component: Methane, chloro-; CAS-No: 74-87-3

### Section 16: Other Information

Hazard & Precautionary Statements in Section 2 are taken from the European CLP Directive.	
Version: 04	Revision Date: 17-July-17
	Supersedes: 29-Mar-17

The information relates to this specific material. It may not be valid for this material if used in combination with any other materials or in any process. CSI (Cleaning Systems, Incorporated) makes no warranty, express or implied, as to the accuracy or completeness or adequacy of information herein, except that such information is to the best of CSI's belief, accurate as of the date indicated. CSI assumes no responsibility for injury from the use of the product described herein.